

CITY OF COLLEGE PARK COMPLETE & GREEN STREETS POLICY

ANALYSIS & 30% DESIGN

CITY COUNCIL PRESENTAITON

FEBRUARY 18, 2020

TASK ORDER RFQ 35-118 (ON-CALL TRANSPORTATION PLANNING)

AMT FILE: 114-849.007



CITY OF COLLEGE PARK



AMT FILE: 114-849.007

AGENDA



- Review of Project Scope
- Summary of Prior Complete Street Analysis
- 2019-2020 Review of City Streets
- Identification of Five (5) City Streets for Complete Street 30% Concept Drawings
- Next Steps

TASK ORDER SCOPE OF WORK

NOTICE TO PROCEED: JUNE 13, 2019

COMPLETE STREETS PROJECT SCOPE OF WORK

- Task One: Project Kickoff Meeting and Review of Prioritized Streets
 - Completed September 2019
- Task Two: Refine Project Schedule
 - Completed September 2019
- Task Three: Refine Priority Matrix and Propose Streets for 30% Design
 - Completed October 2019 February 2020
- Task Four: Initial Concept Design
 - Scheduled February May 2020
- Task Five: Final 30% Design Plans and Matrix
 - Scheduled May 2020 August 2020

SUMMARY OF PRIOR COMPLETE STREETS ANALYSIS COMPLETED BY CITY OF COLLEGE PARK STAFF, AUGUST 2017

PRIOR COMPLETE STREET MATRIX (2017)

College Park Complete and Green Streets Worksheet Draft 8-2017

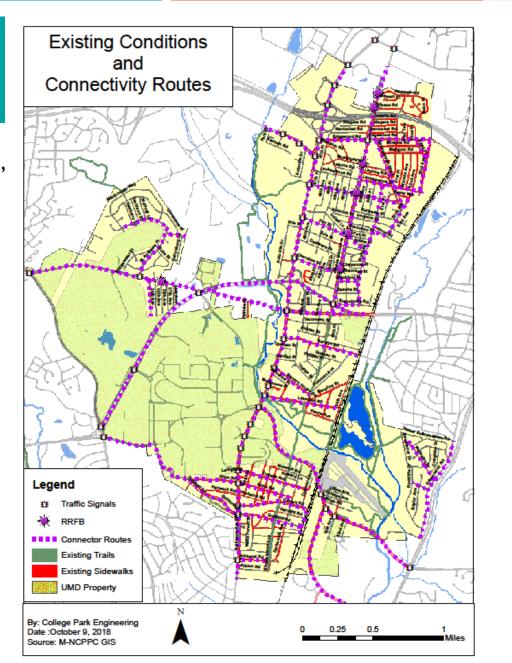
	Area		Street							Potential	Obstacles		Opport	tunities	Score	
ID	Neighborhood	Name	From	To		Side	Length	Total ROW	ROW BC	Торо	Wall	Landscape	No SW	Green Op		Notes
												4 = No UP/Hy				F= Fence
										3 = Flat	1	3 = No trees				H = Hydrant
									2 => 10ft	2 = < 10% grade	l	2 = No fence				T = Tree(s)
									1=>5ft	1 = < 20% grade	1 = Not neede	1 = No plants	1 = No SW	1 = Yes		UP = Utility Pole
									0 = < 5ft	0 = > 20% grade	0 = Needed	0 = Obstacle(s)	0 = Sidewalk	0 = Unknown		
1	Crystal Springs	34th Ave	End	End	even		1378	50	2	3	1	0	0		6	UP
2	Crystal Springs	34th Ave	End	End	odd		1378	50	2	3	1	2	0		8	T
3	Daniels Park (E)	52nd Ave	Huron St	Kenesaw St	even	west	694	30	0	0	0	4	1		5	Ну
4	Daniels Park (E)	52nd Ave	Huron St	Kenesaw St	odd	east	694	30	0	0	1	0	1		2	H, T
5	Daniels Park (E)	52nd Ave	Kenesaw St	Narragansett Pkwy	even	west	444	50	2	3	1	4	1		11	UP
6	Daniels Park (E)	52nd Ave	Kenesaw St	Narragansett Pkwy	odd	east	444	50	2	3	1	0	1		7	
7	Calvert Hills	Amherst Rd	Rt 1	RI Ave		south	1089	70	2	3	1	0	0		6	T, UP
8	Calvert Hills	Amherst Rd	Rt 1	RI Ave		north	1089	70	2	3	1	0	0		6	
9	Calvert Hills	Amherst Rd	RI Ave	End		south	390	70	2	3	1	0	0		6	Т
10	Calvert Hills	Amherst Rd	RI Ave	End		north	390	70	2	3	1	0	0		6	
11	Lakeland	Berwyn House Rd	End	End		south	1671	50	2	3	1	0	0		6	Т
12	Lakeland	Berwyn House Rd	End	End		north	1671	50	2	3	1	0	0		6	Т
13	Berwyn	Berwyn Rd	Rt 1	48th Ave		north	491	40	1	3	1	0	1		6	UP, developer
	Berwyn	Berwyn Rd	Rt 1	48th Ave		south	491	40	1	3	1	4	0		9	UP
15	Berwyn	Berwyn Rd	48th Ave	RI Ave	even	north	1081	30	0	3	1	0	0		4	
	Berwyn	Berwyn Rd	48th Ave	RI Ave	odd	south	1081	30	0	3	1	0	0		4	UP
17	Berwyn	Berwyn Rd	RI Ave	51st Ave	even	north	671	55	2	3	1	0	0		6	UP
18	Berwyn	Berwyn Rd	RI Ave	51st Ave	odd	south	671	55	2	3	1	2	0		8	
19	Berwyn	Berwyn Rd	51st Ave	Potomac Ave	even	north	273	30	0	3	1	4	0		8	
20	Berwyn	Berwyn Rd	51st Ave	Potomac Ave	odd	south	273	30	0	3	1	0	1		5	
21	Berwyn	Berwyn Rd	Potomac Ave	RR Tracks		north	294	50	2	3	1	4	0		10	
22	Berwyn	Berwyn Rd	Potomac Ave	RR Tracks		south	294	50	2	3	1	0	0		6	
23	Oak Springs (E)	Blackfoot Pl	End	End	even	north	713	45	1	3	1	0	1		6	F, T
24	Oak Springs (E)	Blackfoot Pl	End	End	odd	south	713	45	1	3	1	3	1		9	T, UP, SW possible at curb

REVIEW OF EXISTING CONDITIONS & EVALUATION OF STREETS FOR FURTHER ANALYSIS

SEPTEMBER – DECEMBER 2019

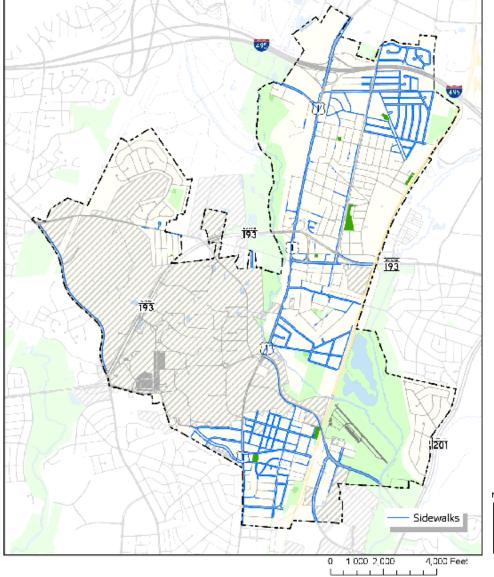
EXISTING CIRCULATION NETWORK

- Existing sidewalks, trails, connector streets & signalized crossings
- Existing sidewalks (updated 2019)



College Park Sidewalk Map





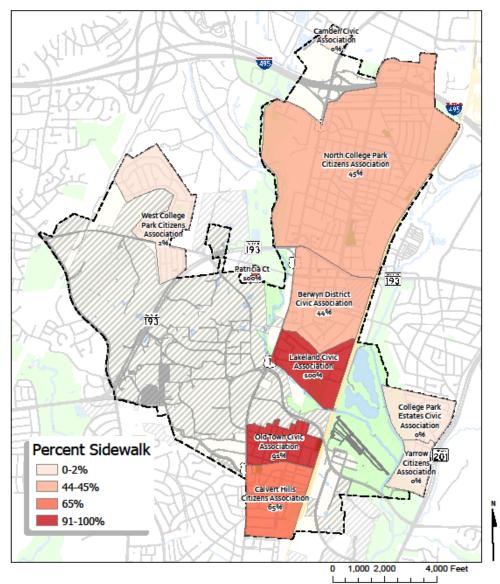
EXISTING SIDEWALK NETWORK

College Park Sidewalk Coverage (Existing) Neighborhood % of Total Street Length with a Association Sidewalk or Trail West College Park 2% Camden 0% 45% North College Park 44% Berwyn District Lakeland 100% College Park Estates & 0% Yarrow Old Town 91% Calvert Hills 65%

College Park Sidewalk Coverage

Created by: College Park Engineering Source: College Park GIS, M-NCPPC





CITY CIP BUDGET UPDATE

Street	To/From	Year	Note
Bowdoin Street	Calvert / Erskine	FY20	Sidewalk sketch drafted; no cost estimate for final design or construction.
DePauw Place	St. Andrews / dead end	FY20	Sidewalk sketch drafted; preliminary cost estimate
Beechwood Road			COMPLETE
Edmonston Road	Old Calvert / Town of Berwyn Heights boundary	FY21-22	City received two cost proposals for design but design is not under contract
51st Avenue	Huron / Branchville	FY21-22	Interest based on new dog park, family neighborhood & metro access.
Fox Street	Rhode Island / Baltimore	FY23-24	
Hollywood Road	Rhode Island / Baltimore		30% design complete. Safe Routes to School Grant for 100% design (December 2020)

CITY ENGINEER RECOMMENDATIONS FOR FURTHER INVESTIGATION

Street	To/From	Note
Huron Street	51st Ave / 52nd Ave	
Branchville Road	51st Ave / Rhode Island	
52 nd Avenue	Narrangansett / Huron	
Cherokee Street	48 th Ave / Rhode Island	Investigate connection to developer committed sidewalk

CITY DRAFT CONCEPT: BOWDOIN AVE.

Bowdoin Ave Sidewalk Concept Design

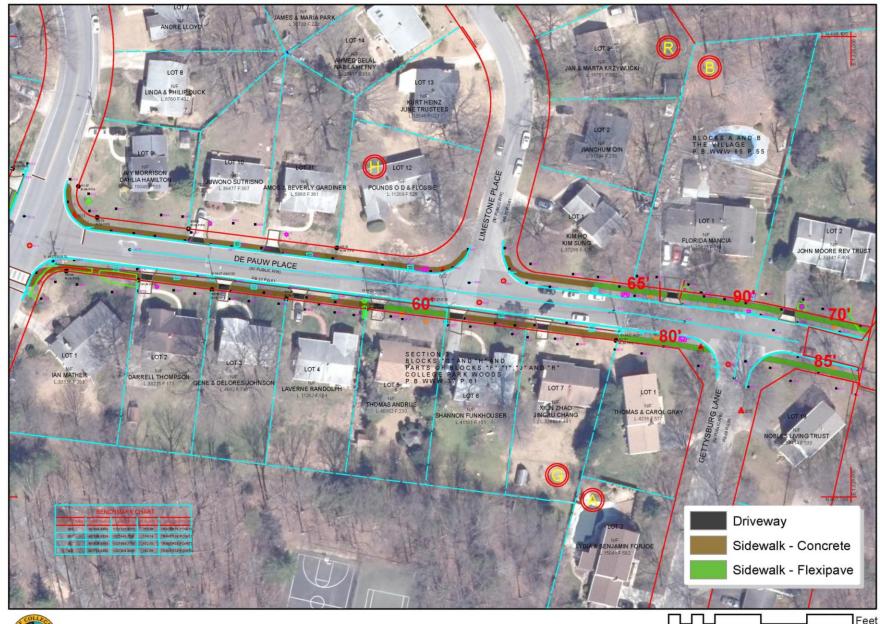
Options Include: East Side Only or East Side with crosswalk to West Side

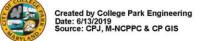
Cleated by: College Park Engineering Source:College Park GLS, M-NC PPC Cleated: 10/19/2019





CITY DRAFT CONCEPT: DE PAUW PLACE





CITY DRAFT
CONCEPT:
HOLLYWOOD
ROAD COST
ESTIMATE
REVIEW



PROCESS OF ELIMINATION

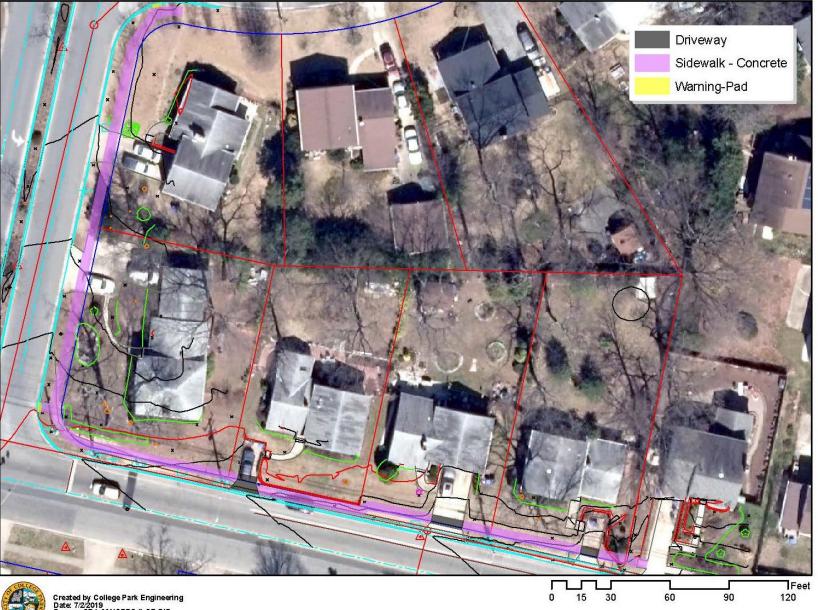
WINNOWING DOWN THE FIELD

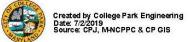
2020 CITY UPDATE ON 2017 MATRIX

Street	To/From	Note
Berwyn Road	Baltimore / 48 th Avenue	LIDL completed this section already. Remove this section from further consideration.
Berwyn Road	Potomac Avenue / Railroad tracks	Completed already. Remove this section from further consideration.
Blackfoot Place	Rhode Island / 5 I st Avenue	Can be completed with Duvall Field project. Remove this section from further consideration.
Edgewood Road	Baltimore Ave / 47 th Place	Remove this section from further consideration.
Edgewood Road	52 nd Ave / 53 rd Ave	Remove this section from further consideration.

CITY DRAFT CONCEPT: DE PAUW PLACE

Street	To/From	Note
St. Andrews Place	Metzerott / Duke	City coordinating with County on this section. Remove this section from further consideration.





STREETS WITH SIDEWALKS CURRENTLY

(AND NEIGHBORHOOD SIDEWALK % COVERAGE)

College Park City Streets with Sidewalks

One or both sides; exclusive of sidewalk width or condition. Streets with sidewalks already will be eliminated from consideration for the Complete and Green Street Project.

Neigbhorhood	Road Name	Does the street have sidewalks already?
	Paducah Rd	YES
	Palco Pl	YES
	51st Ave (north of Narragansett)	YES
	52nd Ave	YES
	Odessa Rd	YES
	Stewart Ct	YES
North College Park (45%)	Edgewood Rd	YES
	Cherry Hill Rd	YES
	Ontario Rd	YES
Colleg (45%)	Niagara Pl	YES
S 4	51st Terrace	YES
£	51st Pl	YES
N	52nd Pl	YES
	Mineola Rd	YES
	Mangum Rd	YES
	Narragansett Pkwy	YES
	Wichita Ave	YES
	Wichita Ave	YES

	Berwyn Rd	YES	
yn ict	54th Ave	YES	
Berwyn District (44%)	Berwyn House Rd	YES	
Be Di (4	Navahoe St	YES	
	Ash Ave	YES	
	Navahoe St	YES	
	Melbourne Pl	YES	
Lakeland (100%)	Lakeland Rd	YES	
ela 00%	48th Ave	YES	
Lak (1	Pierce Ave	YES	
	51st Ave	YES	
	54th Ave	YES	
College Park Estates & Yarrow (0%)	no streets have sidewalks in these neighborhoods		
	Yale Ave	YES	
	Lehigh Rd	YES	
	Princeton Ave	YES	
_	Dickinson Ave	YES	
Old Town (91%)	Hopkins Ave	YES	
To.	Howard Ln	YES	
PC S)	College Ave	YES	
	Knox Rd	YES	
	Hartwick Rd	YES	
	Calvert Rd	YES	
	Columbia Ave	YES	
π Hills	Calvert Rd	YES	
rt H 5%)	Guilford Rd	YES	

REFINE LIST OF POTENTIAL STREETS

COLLEGE PARK CITY STREETS WITHOUT SIDEWALKS

			Preliminary Recommendations for Priority Streets				
Neigbhorhood	Road Name	Does the street have sidewalks already?	Does the street currently NOT have a sidewalk AND was it identified by City as needing improvements? See "CIP Budget Updates" document provided by City to AMT on 12/11/2019. GREEN text = City needs a review/recommendation by AMT RED text = additional streets recommended by City Engineer BLUE text = highly-rated street previously listed on City's Matrix that should still be included in the preliminary recommendations, per City's 12/11 CIP Budget Update Document	Additional Streets that would benefit from Connectivity Improvements (identified by AMT) Is the street in a neighborhood with low % sidewalk coverage? Is the street a "missing link" in the existing sidewalk network?			
	St. Andrews Pl	NO	YES (CIP FY2020). From Metzerott to the first intersection at Duke. Final design with construction pending for 2020. (Also previously included on the matrix - from Metzerott, to Duke and to DePauw.)	The City's online map "Construction & Projects Interactive Map" only shows the proposed CIP project between Metzerott and the first intersection with Duke St. AMT recommends that the proposed sidewalk extends from Metzerott/St Andrews, to St Andrews/DePauw, where it will connect to the proposed CIP sidewalk at DePauw. This enhances intraneighborhood connectivity but also walkability to College Park Woods Neighborhood Park. c. From Marlbrough/St. Andrews, extend the new sidewalk eastward to St Andrews/DePauw. This would complete a sidewalk loop for residents who desire a "walking circuit" in their neigborhood.			
<u> </u>	Drake Pl	NO					
West College Park (2%)	DePauw Pl	NO	YES (CIP). Sidewalk (south side) concept and estimate prepared. From intersection with St. Andrews eastward to dead end. Will connect to MNCPPC trail which is currently being designed.	Agree with this project. MNCPPC is designing a trail that ties into the back of DePauw. The DePauw sidewalk should be sited on the north or south side, whichever better ties into the proposed trail.			
lesi	Gettysburg Ln	NO					
*	Limestone Pl	NO		a. The DePauw sidewalk could tie into a new sidewalk at Limestone Place. The Limestone Pl sidewalk extend snorthward to the Limestone/Marlbrough Way intersection.			

COLLEGE PARK CITY STREETS WITHOUT SIDEWALKS (CONTINUED)

North College Par

49th Pl	NO		Enhances access to public library.
50th Ave	NO		
50th Pl	NO		
51st Ave	NO	YES (from Huron St to Branchville). New dogpark, lots of kids, near the metro	This is a pretty industrial route but does provide access to the Boys and Girls Club as well as PW Dept.
51st Pl	sidewalks north of Hollywood only;		
52nd Ave	sidewalks stop at Narragansett	Further study recommended between Narragansett and Huron. (Also previously included on the matrix.)	This could connect to new sidewalks on Huron and Iroquios (see below).
Kennebunk Terrace	NO		
Kenesaw St	NO		
Iroquois St	NO		Add a new sidewalk from Iroquois/Rhode Island eastward to Davis Field Playground.
Huron St	NO	Further study recommended between 51st and 52nd Avenues. (Also previously included on the matrix.)	This sigment is on the north end of PW Department, doesn't seem to be a high priority. However, it could tie into recommended segments on 51st Ave and 52nd Ave.
Indian Ln	very minor sidewalk coverage		
Fox St	NO	VES (from Route 1 to Rhode Island) EV2023-24	City recommends a new Fox St sidewalk between Baltimore Ave and RI

Co	llege Park
Sidewalk C	overage (Existing)
Neighborhood	% of Total Street Length with

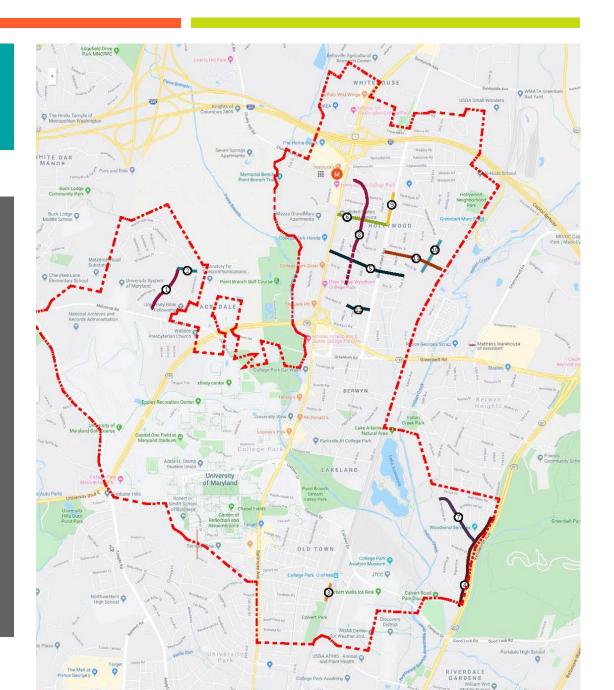
Sidewalk Coverage (Existing)				
Neighborhood Association	% of Total Street Length with a Sidewalk or Trail			
West College Park	2%			
Camden	0%			
North College Park	45%			
Berwyn District	44%			
Lakeland	100%			
College Park Estates & Yarrow	0%			
Old Town	91%			
Calvert Hills	65%			

		K	
Kennebunk Terrace	NO		
Kenesaw St	NO		
Iroquois St	NO		Add a new sidewalk from Iroquois/Rhode Island eastward to Davis Field Playground.
Huron St	NO	Further study recommended between 51st and 52nd Avenues. (Also previously included on the matrix.)	This sigment is on the north end of PW Department, doesn't seem to be high priority. However, it could tie into recommended segments on 51st Ave and 52nd Ave.
Indian Ln	very minor sidewalk coverage		
Fox St	NO	YES (from Route 1 to Rhode Island) FY2023-24	City recommends a new Fox St sidewalk between Baltimore Ave and RI Ave, as well as a new 51st Ave sidewalk. Recommend extending the proposed Fox St sidewalk to 51st.
Erie St	very minor sidewalk coverage		
Autoville Dr	partial sidewalk coverage		Recommend extending sidewalk from existing sidewalk termination northward to Erie Street. However, community previously resisted a sidewalk extension.
Delaware St	very minor sidewalk coverage		
Geronimo St	NO		
Eutaw Pl	NO		
Cheyenne Pl	NO		
Cree Ln	NO		
Cherokee St	very minor sidewalk coverage	Further study recommended between 48th Avenue and Rhode Island. Investigate to link with developer commitment.	Add a sidewalk in front of the new Luxury Townhomes (if the develope isn't aleady required to add this). Extend sidewalk from Rt 1 intersectio westrward to RI Ave/Duvall Field.
Blackfoot Pl	NO		

TWELVE TARGET STREETS FOR FURTHER ANALYSIS & CONSIDERATION

STREETS IDENTIFIED DURING 12/12 MEETING (LISTED IN NO SPECIFIC ORDER)

- St. Andrews Place (from Duke St to De Pauw Place)
 - De Paulw Place (from St. Andrews Place to dead end/Gettysburg Lane)
- Bowdoin Avenue (from Harvard Road to Erskine Road)
- Edmonston Road (from Old Calvert Road to Bryn Mawr Road)
- 5 Fox Street (from US Route 1 to Rhode Island Avenue)
- 6 Hollywood Road (from US Route 1 to Rhode Island Avenue)
- Wellesley Drive (from Edmonston Road to Sweetbriar Drive)
- 8 ■ 48th Place (from 47th Place to Delaware Street) [or at least to Indian Lane or Fox Street]
- 9 49th Place (from Muskogee Street to Hollywood Road)
- 52nd Avenue (from Narragansett Parkway to Huron Street),
- Iroquois Street (from Rhode Island Avenue to Davis Field Playground)
- Cherokee Street (from 48th Place to Rhode Island Avenue)
- 🕶 💳 💶 College Park Municipal Boundary



PRIORITY STREET SELECTION MATRIX (TWELVE TARGET STREETS)

Neighborhood	Road Name			~Project Length	Existing design constraints					LID potential	Connectivity score		
					ROW BC	Topography	Wall	Tree Impact	Obstacles	Opportunities for bump- outs & SWM	.5 point for each of the following		design?
		From	앤		•2 = >10' •1 = >5' •0 = >5'	•3 = flat •2 = <10% •1 = <20% •0 = >20%	•I = not needed •.5 = short curb •0 = needed	•2 = limited •I = moderate •0 = severe	•2 = none/minor •I = moderate •0 = significant	 •2 = storm drains present & bump-outs are feasible •I = storm drains not present but bump-outs are relatively feasible •0 = bump-outs not feasible 	•neighborhood has a sidewalk coverage below 50% •connect to park •connect to public facility •connect to existing sidewalk •connect to a proposed sidewalk/trail •connect to City/County bus route and/or WMATA network	Project score	Recommended for 30% o
West College Park	St. Andrews Place	Duke Street	DePauw Place	1670'	2	2	I	I	2	2	2	12	YES!

HIGHEST RATED STREETS

STREETS FOR 30% CONCEPT DESIGN

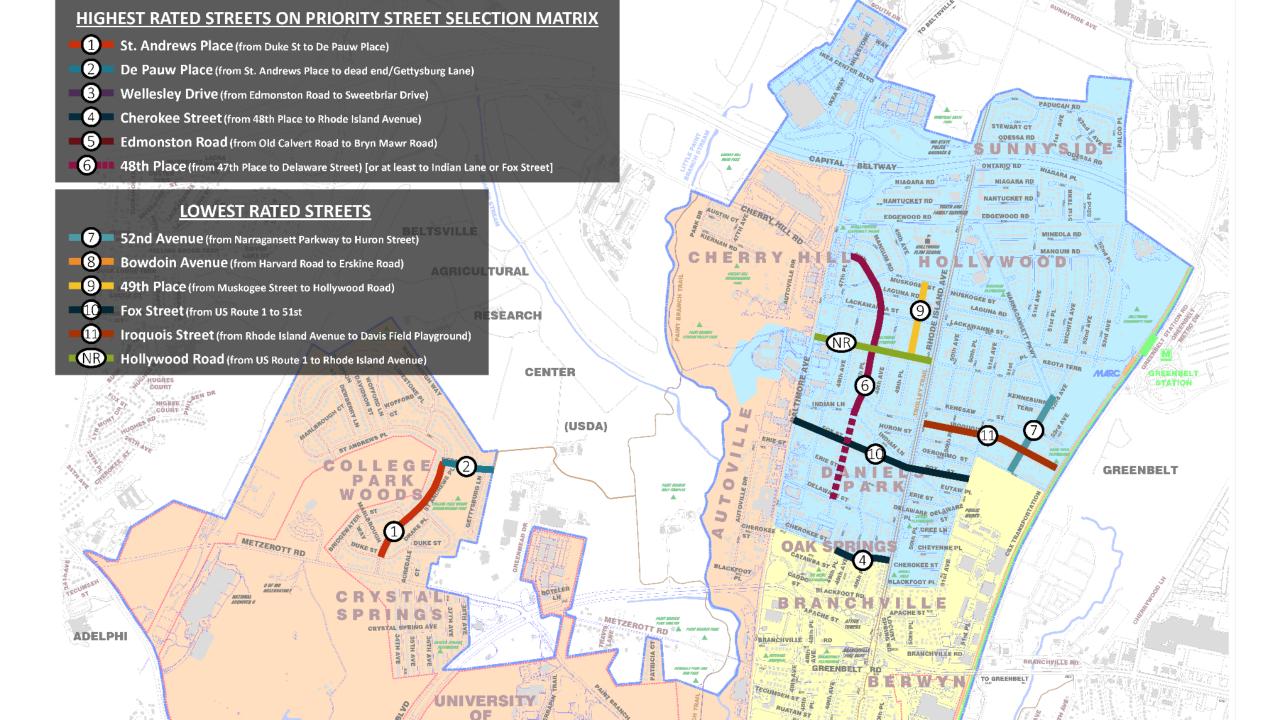
HIGHEST RATED STREETS

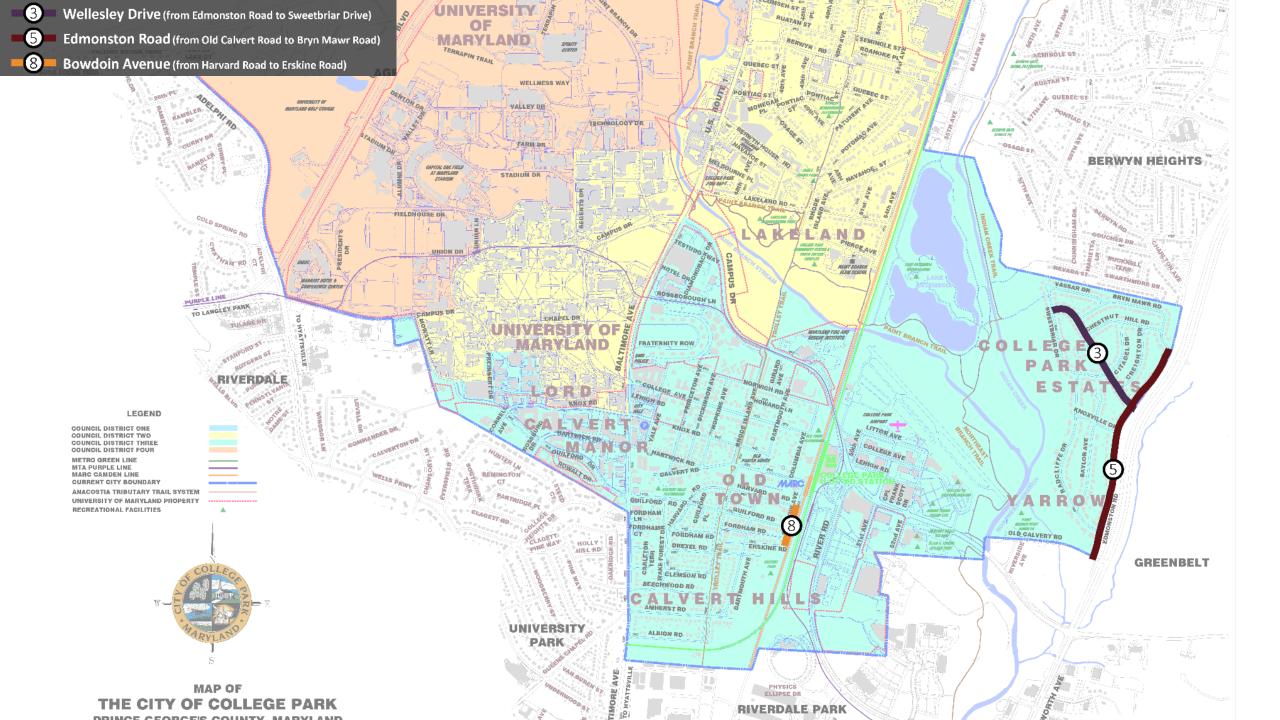
FIRST TIER

- I. St. Andrews Place (from Duke Street to De Pauw Place) [updated matrix score = 12]
- 2. De Pauw Place (from St. Andrews Place to dead end/Gettysburg Lane) [11.5]
- 3. Wellesley Drive (from Edmonston Road to Sweetbriar Drive) [11.5]
- 4. Cherokee Street (from 48th Place to Rhode Island Avenue) [10]
- 5. Edmonston Road (from Old Calvert Road to Bryn Mawr Road) [9]
- 6. 48th Place (from 47th Place to Delaware Street) [or at least to Indian Lane or Fox Street] [9]

SECOND TIER

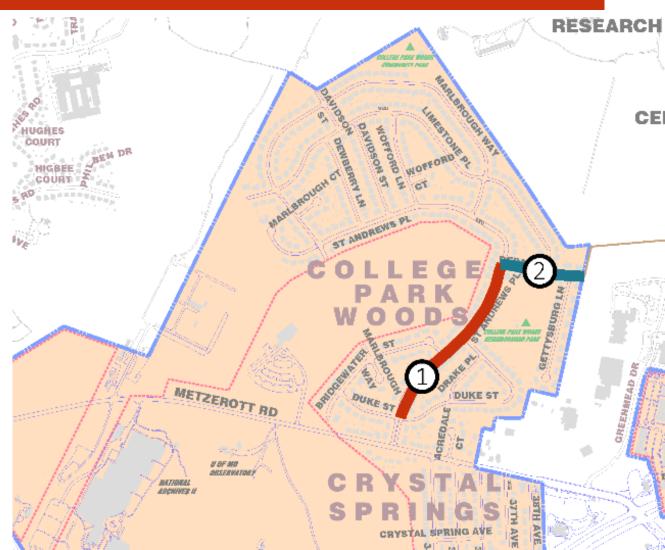
- 7. 52nd Avenue (from Narragansett Parkway to Huron Street) [8]
- 8. Bowdoin Avenue (from Harvard Road to Erskine Road) [7.5]
- 9. 49th Place (from Muskogee Street to Hollywood Road) [or at least from Muskogee to Laguna] [6.5]
- 10. Fox Street (from US Route I to 51st Avenue) [6]
- II. Iroquois Street (from Rhode Island Avenue to Davis Field Playground) [5]
- NR. Hollywood Road (from US Route I to Rhode Island Avenue) [cost estimate only]





ST.ANDREWS PLACE (FROM DUKE STREET TO DE PAUW PLACE) (#I ON MAP)

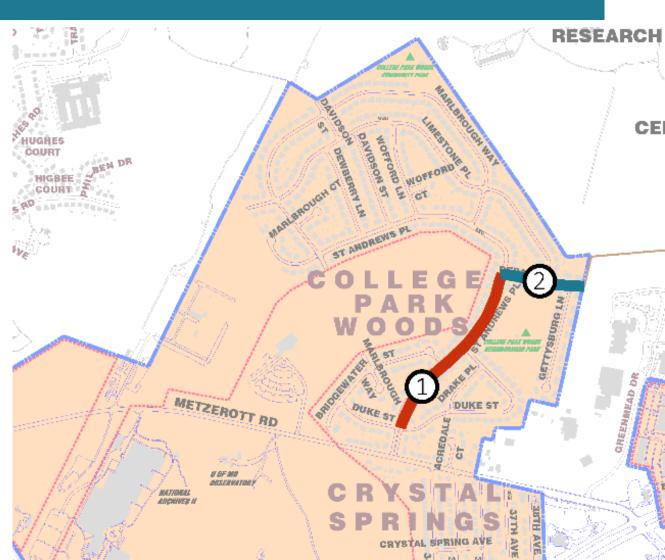
- I. City's concept at Metzerott/St. Andrews is on the north side of Metzerott/east side of St. Andrews. Metzerott (county road) may receive a future sidewalk but is outside scope of work for this project. Currently there is a "cowpath" on the east corner of St. Andrews/Metzerott.
- 2. Proposed sidewalk begins on north side of Duke.
- 3. Proposed sidewalk on east side of St. Andrews to De Pauw corner. This is the same side recommended by the City's initial matrix.





DE PAUW PLACE (FROM ST. ANDREWS TO DEAD END/GETTYSBURG LANE) (#2 ON MAP)

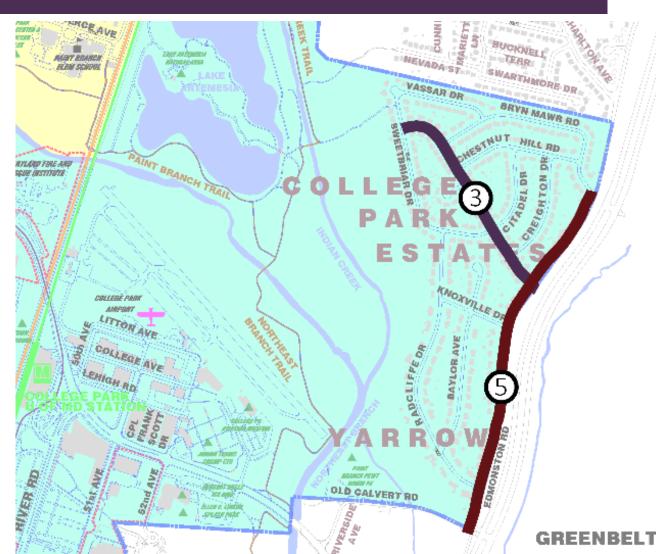
- Need to know which side of dead end MNCPPC's trail will tie out on.
- 2. City's concept proposes a sidewalk on each side. There are "cowpaths" on each side of guardrail currently.
- 3. Recommend sidewalk starting on the north side of the DePauw/St. Andrews intersection because power poles are on the south side of DePauw. Continue to intersection with Limestone.
- 4. After Limestone, major trees will complicate continuing to the dead end. Bump outs may be needed but will take away parallel parking. If ROW is wide enough, use an "on-grade" flexipave sidewalk section in tree CRZs.





WELLESLEY DRIVE (FROM EDMONSTON ROAD TO SWEETBRIAR DRIVE) (#3 ON MAP)

- I. Much potential for a complete street with bumpouts, maintaining the parallel parking, protecting mature trees, avoiding utilities, and adding a sidewalk on the NW side (and a connection to a potential sidewalk on Edmonston).
- 2. If too challenging, could stop the new complete street/sidewalks at Bryn Mawr.





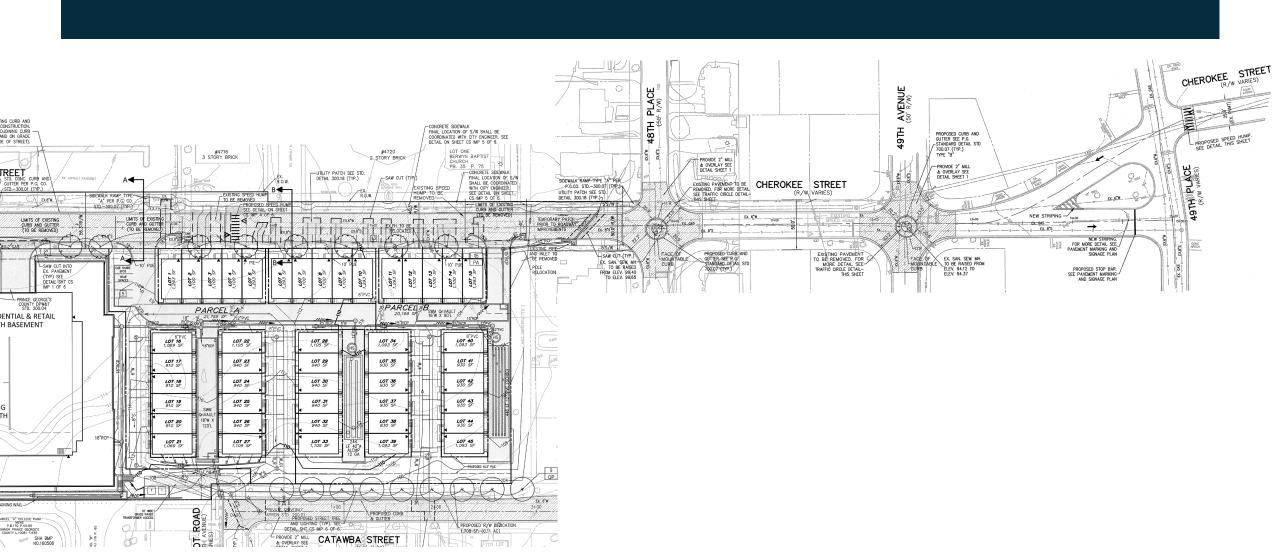
CHEROKEE STREET (FROM 48TH PLACE TO RHODE ISLAND AVENUE) (#4 ON MAP)

Preliminary Recommendation:

 Developer plans show a sidewalk on each side of Cherokee, terminating at intersection with 48th Place. Recommend a new sidewalk on north side of Cherokee.



CHEROKEE STREET DEVELOPER PLANS





EDMONSTON ROAD (FROM OLD CALVERT ROAD TO BRYN MAWR ROAD) (#5 ON MAP)

Preliminary Recommendations:

- If selected as a project, recommend sidewalk is on west side of road since neighborhood is on west side.
- 2. Since bus stops are on both sides of road, recommend cross-walks and signage to ADA-accessible bus pads on east side of Edmonston.

Note: Concept plan for Old Calvert Road (from Edmonston to Campus Drive) underway by others.

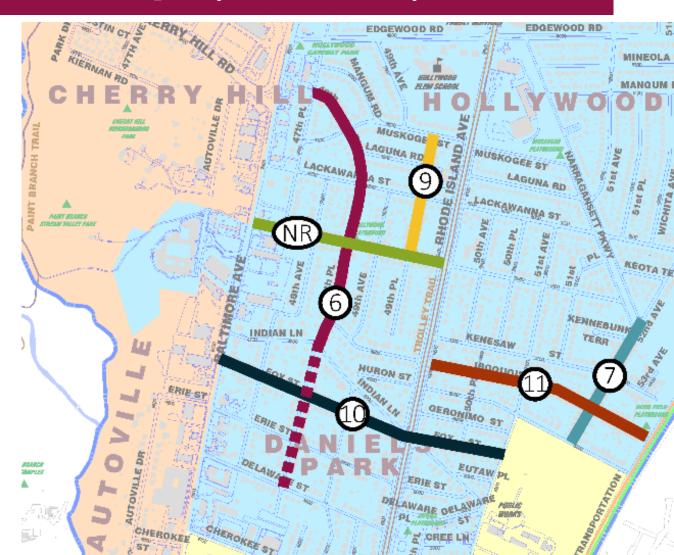
Note: WSSC starting construction in mid-Spring 2020 to replace waterline (two years construction period).





48TH PLACE (FROM 47TH PLACE TO DELAWARE STREET) [OR AT LEAST TO INDIAN LANE OR FOX STREET] (#6 ON MAP)

- 1. Strongly recommend a sidewalk on south side of 48th between 47th and Muskogee. This takes advantage of the existing sidewalks and crossings between Muskogee and Lackawanna.
- 2. Sidewalk to Indian is feasible and relatively cost effective.
- 3. Very challenging and costly south of Indian.
- 4. Connecting to Indian Lane benefits students (bus stops on Indian) and City employees (DPW at south end of Indian).





NEXT STEPS

TASKS 4 & 5

NEXT STEPS

- Task Three: Initial Concept Design
 - Council Presentation feedback
- Task Four: Initial Concept Design
 - Council Presentation feedback
 - Concept sketches, draft 30% plans, phasing recommendations, & cost estimates for 5 selected streets
 - Meet with City Staff to review
 - Scheduled February May 2020
- Task Five: Final 30% Design Plans and Matrix
 - Refine 30% plans and estimates
 - Finalize matrix and CIP recommendations
 - Final submission
 - Scheduled May 2020 August 2020

QUESTIONS & DISCUSSION

